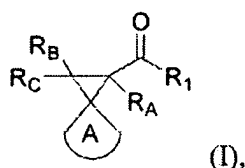


# AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Claim 1 (Currently Amended):** A method of treating migraine, epilepsy, or bipolar disorder in a mammal comprising administering to a mammal a therapeutically effective amount of a compound of formula (I)



or a pharmaceutically acceptable prodrug thereof, wherein

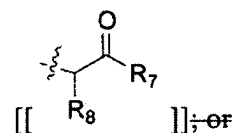
A is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups ~~cycloalkyl or bicycloalkyl~~;

R<sub>A</sub>, R<sub>B</sub>, and R<sub>C</sub> are independently hydrogen or alkyl;

~~R<sub>1</sub> is OR<sub>2</sub> or NR<sub>3</sub>R<sub>4</sub>;~~

~~R<sub>2</sub> is hydrogen, alkyl, aryl, arylalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, or heterocyclealkyl;~~

~~R<sub>3</sub> and R<sub>4</sub> are independently hydrogen, alkenyl, alkyl, alkynyl, alkoxy, carbonylalkyl, aryl, arylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, (NR<sub>5</sub>R<sub>6</sub>)alkyl, or (NR<sub>5</sub>R<sub>6</sub>)carbonylalkyl, or~~



~~R<sub>3</sub> and R<sub>4</sub> taken together with the nitrogen atom to which they are attached form a heterocycle wherein the heterocycle is azepanyl, azetidiny, aziridiny, morpholinyl, piperazinyl, piperidinyl, pyrrolidinyl, or thiomorpholinyl; and~~

~~R<sub>5</sub> and R<sub>6</sub> are independently hydrogen, alkenyl, alkyl, alkynyl, alkoxy carbonylalkyl, aryl, arylalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, or hydroxyalkyl;~~

~~— R<sub>7</sub> is alkoxy, alkyl, hydroxy, or —NR<sub>5</sub>R<sub>6</sub>;~~

~~— R<sub>8</sub> is alkenyl, alkoxyalkyl, alkoxy carbonylalkyl, alkylthioalkyl, alkynyl, aryl, arylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, mercaptoalkyl, (NR<sub>5</sub>R<sub>6</sub>)alkyl, (NR<sub>5</sub>R<sub>6</sub>)carbonylalkyl, or (CH<sub>2</sub>)<sub>n</sub>NHC(=NH)NH<sub>2</sub>; and~~

~~— n is an integer from 1 to 6.~~

**Claim 2 (Currently Amended):** The method according to claim 1 wherein

A is cycloalkyl; and R<sub>1</sub> is OR<sub>2</sub>.

**Claim 3 (Currently Amended):** The method according to claim 1 wherein

A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;

R<sub>1</sub> is OR<sub>2</sub>; and

~~— R<sub>2</sub> is hydrogen.~~

**Claim 4 (Original):** The method according to claim 3 wherein the compound of formula (I) is

spiro[2.5]octane-1-carboxylic acid;

(1S)-spiro[2.5]octane-1-carboxylic acid;

(1R)-spiro[2.5]octane-1-carboxylic acid;

2-methylspiro[2.5]octane-1-carboxylic acid;

5,7-dimethylspiro[2.5]octane-1-carboxylic acid;

6-tert-butylspiro[2.5]octane-1-carboxylic acid;

(4S,7R)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxylic acid; or

5,5,7,7-tetramethylspiro[2.5]octane-1-carboxylic acid.

**Claims 5-9 (Canceled).**

**Claim 10 (Currently Amended):** The method according to claim 1 wherein

~~A is cycloalkyl; and~~ R<sub>1</sub> is NR<sub>3</sub>R<sub>4</sub>.

**Claim 11 (Currently Amended):** The method according to claim 1 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

R<sub>1</sub> is NR<sub>3</sub>R<sub>4</sub>;

R<sub>4</sub> is hydrogen or (NR<sub>5</sub>R<sub>6</sub>)carbonylalkyl; and

R<sub>3</sub> is ~~R<sub>5</sub>~~, and ~~R<sub>6</sub>~~ are hydrogen.

**Claim 12 (Original):** The method according to claim 11 wherein the compound of formula (I) is

spiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide;

(1S)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;

(1R)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;

(1S)-spiro[2.5]octane-1-carboxamide;

(1R)-spiro[2.5]octane-1-carboxamide;

2-methylspiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)-2-methylspiro[2.5]octane-1-carboxamide;

5,7-dimethylspiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)-5,7-dimethylspiro[2.5]octane-1-carboxamide;

6-tert-butylspiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)-6-tert-butylspiro[2.5]octane-1-carboxamide;

(4S,7R)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxamide;

(4S,7R)-N-(2-amino-2-oxoethyl)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxamide;

N-(3-amino-3-oxopropyl)spiro[2.5]octane-1-carboxamide;

5,5,7,7-tetramethylspiro[2.5]octane-1-carboxamide; or

N-(2-amino-2-oxoethyl)-5,5,7,7-tetramethylspiro[2.5]octane-1-carboxamide.

**Claim 13 (Original):** The method according to claim 11 wherein the compound of formula (I) is

(1S)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

**Claim 14 (Original):** The method according to claim 11 wherein the compound of formula (I) is (1R)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

**Claim 15 (Currently Amended):** The method according to claim 1 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

R<sub>1</sub> is NR<sub>3</sub>R<sub>4</sub>;

R<sub>4</sub> is carboxyalkyl or hydroxyalkyl; and

R<sub>3</sub> is hydrogen.

**Claim 16 (Original):** The method according to claim 15 wherein the compound of formula (I) is

[(spiro[2.5]oct-1-ylcarbonyl)amino]acetic acid;

{[(1S)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;

{[(1R)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;

(1R)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;

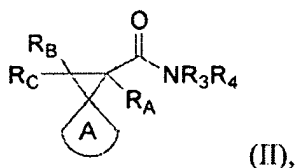
(1R)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;

(1S)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide; or

(1S)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide.

**Claims 17-25 (Canceled).**

**Claim 26 (Currently Amended):** A compound of formula (II)



or a pharmaceutically acceptable prodrug thereof, wherein

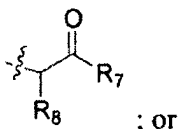
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A is ~~cyclohexyl cycloalkyl or bicycloalkyl~~ wherein the ~~cycloalkyl and bicycloalkyl~~ are optionally substituted with 1, 2, 3, or 4 alkyl groups;

$R_A$ ,  $R_B$ , and  $R_C$  are independently hydrogen or alkyl;

$R_3$  is alkenyl, alkynyl, alkoxycarbonylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl,  $(NR_5R_6)$ alkyl, or  $(NR_5R_6)$ carbonylalkyl;

$R_4$  is hydrogen, alkenyl, alkyl, alkynyl, alkoxycarbonylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl,  $(NR_5R_6)$ alkyl, or  $(NR_5R_6)$ carbonylalkyl, or



$R_3$  and  $R_4$  taken together with the nitrogen atom to which they are attached form a heterocycle wherein the heterocycle is azepanyl, azetidiny, aziridiny, morpholiny, piperaziny, piperidiny, pyrrolidiny, or thiomorpholiny;

$R_5$  and  $R_6$  are independently hydrogen, alkenyl, alkyl, alkynyl, alkoxycarbonylalkyl, aryl, arylalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, or heterocyclealkyl;

$R_7$  is alkoxy, alkyl, hydroxy, or  $-NR_5R_6$ ;

$R_8$  is alkenyl, alkoxyalkyl, alkoxycarbonylalkyl, alkylthioalkyl, alkynyl, aryl, arylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, mercaptoalkyl,  $(NR_5R_6)$ alkyl,  $(NR_5R_6)$ carbonylalkyl, or  $-(CH_2)_nNHC(=NH)NH_2$ ; and  
 $n$  is an integer from 1 to 6.

**Claim 27 (Canceled).**

**Claim 28 (Currently Amended).** The compound according to claim 26 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

$R_3$  is  $(NR_5R_6)$ carbonylalkyl; and

$R_4$ ,  $R_5$ , and  $R_6$  are hydrogen.

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**Claim 29 (Original).** The compound according to claim 28 wherein the compound of formula (II) is

N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide;  
(1S)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;  
(1R)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;  
N-(2-amino-2-oxoethyl)-2-methylspiro[2.5]octane-1-carboxamide;  
N-(2-amino-2-oxoethyl)-5,7-dimethylspiro[2.5]octane-1-carboxamide;  
N-(2-amino-2-oxoethyl)-6-tert-butylspiro[2.5]octane-1-carboxamide;  
(4S,7R)-N-(2-amino-2-oxoethyl)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxamide;  
N-(3-amino-3-oxopropyl)spiro[2.5]octane-1-carboxamide; or  
N-(2-amino-2-oxoethyl)-5,5,7,7-tetramethylspiro[2.5]octane-1-carboxamide.

**Claim 30 (Original).** The compound according to claim 28 wherein the compound of formula (II) is (1S)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

**Claim 31 (Original).** The compound according to claim 28 wherein the compound of formula (II) is (1R)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

**Claim 32 (Currently Amended).** The compound according to claim 26 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

R<sub>3</sub> is carboxyalkyl or hydroxyalkyl; and

R<sub>4</sub> is hydrogen.

**Claim 33 (Original).** The compound according to claim 32 wherein the compound of formula (II) is

[(spiro[2.5]oct-1-ylcarbonyl)amino]acetic acid;  
{[(1S)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;  
{[(1R)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;  
(1R)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;

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(1S)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;  
(1R)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide; or  
(1S)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide.

**Claims 34-39 (Canceled).**